INTERNATIONAL® FARMALL® 756 AND 856 TRACTORS

POWERFUL NEW INTERNATIONAL®

Built for high-speed hard-pull farming.

Don't hold back when you drive a new Farmall 756 or 856. These tractors are built to get out and *pull* . . . *pull* . . . *pull* . . . at speeds that spell the difference between getting work done *fast* and just getting it done.

Rugged, reserve torque engines give you steady, economical power, quick response to sudden loads. Power-to-weight ratio is excellent for top performance on every job. You get plenty of useful working speeds, exceptionally easy shifting plus shift-on-the-go torque amplifier. And the exclusive torsion bar draft control provides a steadier kind of plowing that saves time and fuel . . . makes work go smoother.

756 pto HP, 76.5 gas—official test

FARMALL® TRACTORS

. . . with position comfort design

More features worth considering: new dual-stage dry-type air filter; new quick coupler; new wedge lock wheels; power disc brakes; dual shaft powershift IPTO; sturdy quick-change duals; all-season cab; and for pure driving pleasure, all-new Position Comfort Design for operator comfort never available until now.

These are tractors you can trust . . . with basic ability proved in hundreds of thousands of high-speed, hard-pull hours. Ask any Farmall owner.

And test a new Farmall 756 or 856 soon. Feel the big difference Position Comfort Design makes. Compare all the features that make a Farmall worth more from the day you buy it.

856 pto HP, 100.4 diesel—official test

exclusive

POSITION COMFORT DESIGN

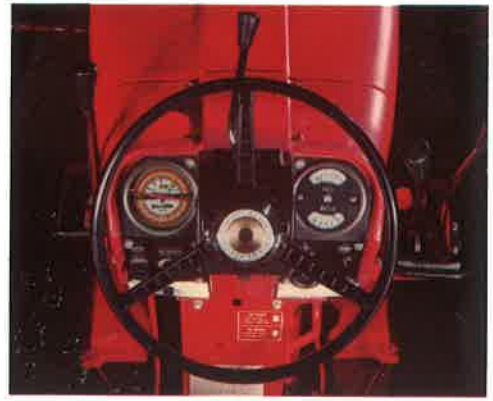
"Sure, it's a good worker, but how am I going to feel after ten hours in the field?"

That's the question every farmer asks, and if the tractor is a Farmall 756 or 856 the answer is, "Fresher than you'd ever think possible . . . thanks to exclusive Position Comfort Design."

Position Comfort Design? It's a new 5-position tilt steering wheel; new 38-inch wide platform; new brake and clutch pedals that fit and feel better; new shift pattern; new indirect-illuminated instrument dials and easy-up mounting steps. It's a new quick coupler for 3-point hitch (for hook-up from the tractor seat). An insulated, air conditioned cab with radio and heater. And an amazing new seat that can tilt up and down, slide fore and aft and adjust for your weight manually, then raise and lower hydraulically! Designed for comfort? You bet!

Your work days are long. You owe it to yourself to see how Position Comfort Design will make tractor time more productive and a whole lot easier on *you*.

Two handholds, two easy steps make it simple to climb up or down from either side.



Every control has been positioned for your total comfort. Every move you make has been made easier. And new indirect-illuminated dials are easier on your eyes. Position comfort design is an effective fatigue-fighter.

Note extra width and roominess of the new 38-inch wide platform. New clutch and brake pedals are set lower, have rounded pads for comfort. Platform's angled forward edge makes an easy footrest, too.

RAISE
AND

LOWER HYDRAULICALLY

with one finger

"Make a new seat" whenever you want a change

You can do it with this new Position Comfort Seat: just reach under, touch a lever and up you go, or down, smooth and easy—hydraulically.

Other adjustments let you change the angle of the seat. Change the ride. Change position of the armrests. Change the reach to brakes and clutch. Or slide the seat back for stand-up driving. You won't get saddle sores with this seat. You will enjoy being able to position yourself however you like . . . and change position (make a new seat) anytime you're ready.

Thick, contoured, padded seat. Thickly padded back is specially designed for firm low-back support. Padded arm rests. Tough, tested covering material resists sun and weather. Seamless so no water gets in.

The big difference with Position Comfort Design is the way you feel at the end of the day. And this new Position Comfort Seat has a lot to do with making 756 and 856 today's easy-on-you tractors.

New Position Comfort Seat. Fingertip control (1) raises and lowers seat hydraulically. Release catch (2) permits forward and backward movement for leg length. Ride control (3) allows operator to select degree of "cushioning" that's just right for his weight. Underseat adjustment (4) controls angle of seat. (Optional)

New Position Comfort Steering. Locks at five different angles to put the wheel exactly where you want it. (Optional)

Hydrostatic Power Steering. It's *all* hydraulic, very smooth, easy and sure. Compare it to other hydrostatic or power assist steering. You'll like International 756 or 856 steering best. (Standard)

NEW, EASY "FINGER-TIP" SHIFT

Standard Transmission offers 8 forward, 4 reverse speeds

Forget you're shifting a tractor. New type of lever linkage on the Farmall 756 and 856 lets you change gears with half the effort.

New "H" pattern provides neutral between HI and LO ranges. Standard eight speeds include two creepers, four speeds for high speed tillage and two for fast transport. Levers are lighted for night work.

Exclusive Torque Amplifier—16 forward, 8 reverse

doubles the number of speeds and lets you power shift on-the-go. TA reduces speed 22% while increasing pull up to 28% in each gear. Use it through tough spots . . . or to slow down for turns. Get heavy loads started then shift up. Keep PTO speed up while reducing ground speed . . . harvesting, shredding, etc. Use TA to get the speed you want. Work in TA all day—it's built to take it. (Optional)

756 Ground Speeds MPH (15.5-38 in. R1 Tires)*

		GOV. RANGE 900-2300 RPM		ASAE PTO 2100 RPM	
Range	Gear	DIRECT	TA	DIRECT	TA
LOW	1	¾-1¾	½-1¼	1½	1¼
	2	1-2¼	¾-1⅞	2	1⅝
	3	1½-4	1¼-3	3½	2¾
	4	2-5¼	1⅝-4⅛	4¾	3¾
HIGH	1	2⅜-6	1¾-4¾	5½	4¼
	2	3-8	2½-6¼	7¼	5¾
	3	5½-13¾	4¼-10¾	12½	9¾
	4	7¼-18½	5½-14½	16¾	13
REV	1	1¼-3	1-2¼		
	2	1½-4	1¼-3		
	3	2¾-6¾	2-5¼		
	4	3½-9	2¾-7		

*no allowance for wheel slippage.

856 Ground Speeds MPH (16.9—38 in. R1 Tires)*

		GOV. RANGE 900-2400 RPM		ASAE PTO 2100 RPM	
Range	Gear	DIRECT	TA	DIRECT	TA
LOW	1	¾-1¾	½-1¼	1½	1¼
	2	⅞-2¼	¾-1⅞	2	1½
	3	1½-4	1¼-3¼	3½	2¾
	4	2-5½	1½-4¼	4¾	3¾
HIGH	1	2¼-6¼	1¾-4¾	5¼	4¼
	2	3-8¼	2½-6⅜	7	5½
	3	5¼-14¼	4¼-11	12¼	9¾
	4	7-18¾	5½-14¾	16½	13
REV	1	1¼-3	1-2¼		
	2	1½-4	1¼-3		
	3	2½-7	2-5½		
	4	3½-9¼	2¾-7¼		

*no allowance for wheel slippage.

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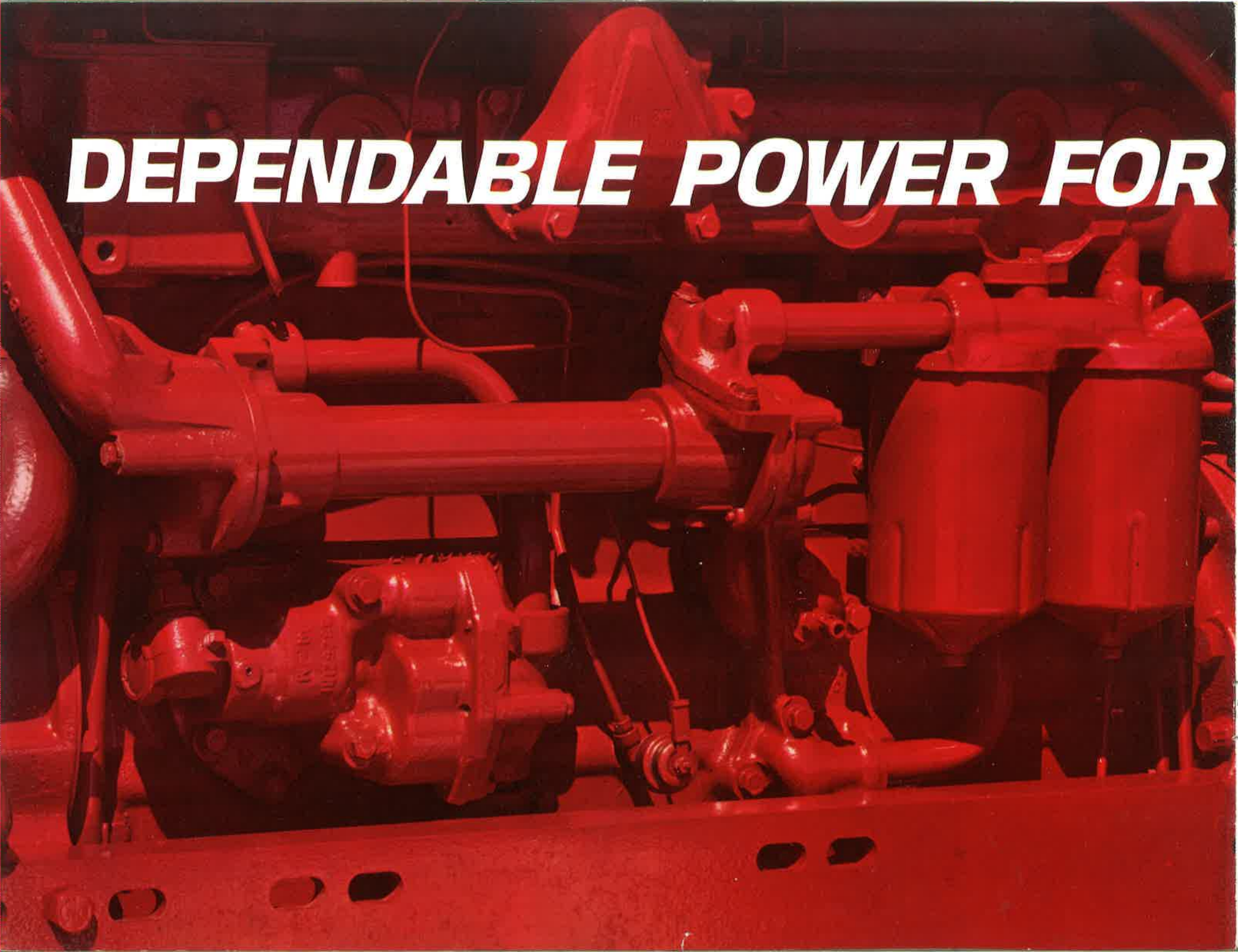

DEPENDABLE POWER FOR

PROFITABLE FARMING

756 and 856 engines have the stamina and reserve to hustle heavy schedules

Trust a 756 or 856 to get you done on time, every time.

These tractors have high performance engines with bonus torque reserve to pull through tough spots without shifting. And multirange design—the ability to deliver full rated power over a wide range of engine RPM—lets you shift up and throttle back for the precise speed you want.

756 engines are 291 cu. in. gas and L.P. Gas, 310 cu. in. diesel. 856 engines are 301 cu. in. gas and L.P. Gas, 407 cu. in. diesel.

Powerful. Smooth. Thrifty. Designed for low-friction operation—long, profitable life. These big pullers have shown their stamina and dependability with hundreds of thousands of high-speed, hard-pull hours in all types of farming. They're tough. They've proved it. Ask any Farmall owner.

Dry-type dual-stage air filter stops 99.9% of the dust. No messy oil. Electric service indicator included. (Standard)

Precleaner-deflector ahead of radiator, deflects much of dust before it reaches air filter. (Standard)

55 amp alternator charges even when idling. Keeps battery charge up for quick starts. (Standard)

One lever on the quadrant sets load control, the other lever regulates raising and lowering of implement. Four-position remote control levers (raise, neutral, lower, float) are right at the fingertips. One or two valves, front and rear hydraulic outlets are available to suit your needs.

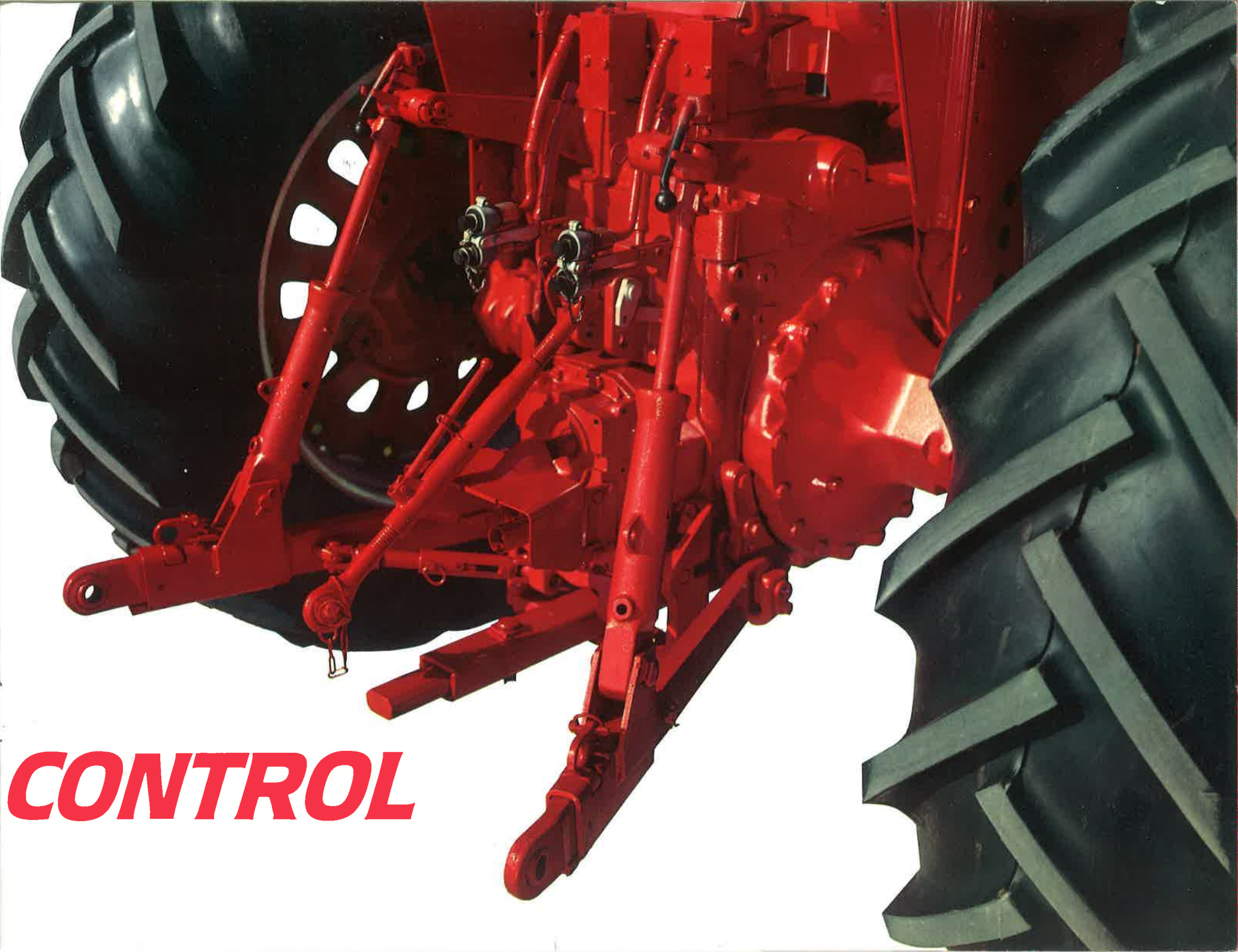
Hook up from the tractor seat with new Quick Coupler for three-point hitch.

Draft control hitch with accurate, quick response, enclosed torsion bar lower link sensing

Exclusive, enclosed torsion bar senses load changes through lower hitch links as often as three times a second . . . provides precise, fraction-of-an-inch control of depth of operation. All so smoothly you hardly know it's happening. You will notice the steady operation through dips, over ridges, on terraces. And you'll see there's seldom a need for downshifting, never any big up or down movement of the plow, or uneven engine operation. Draft control on 756 and 856 is easy to set, requires little adjustment and provides accurate, precise implement control.

Draft control hitches have built-in diagonal float for wide tool bars, mounted disks, etc. Leveling cranks on both lift arms, and telescoping hitch links make hookups easier. Vertically adjustable drawbar is standard. Three-point hitch and exclusive Two-point "Fast Hitch" optional.

PRECISE IMPLEMENT


CONTROL

756

756 HORSEPOWER	Gas	Diesel	LPG
Engine	97	101	—
PTO (official test)	76.5	76	76.3
Drawbar (official test)	68.2	69	68.4

Engine:	Diesel	Gas and LP Gas
Number of cylinders	6	6
Speed, rated full load	2300	2300
Governed speed range	900-2300	900-2300
Bore and stroke, in.	3.875x4.375	3.750x4.390
Piston displacement, cu. in.	310	291

Capacities:

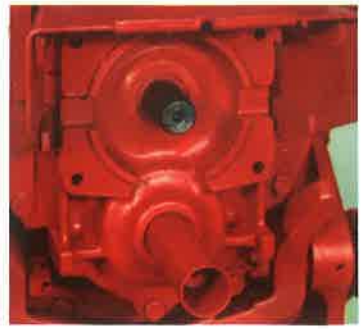
Cooling system, qt.	23½	21 (LPG), 20½ gas
Fuel tank, gal.	33	39 (LPG), 33 (gas)
Engine, lube, qt.	12	9
Transmission and diff., gal.	17	17

Electrical: Positive engagement cranking motor, 55 amp. Alternator, voltage regulator. Diesel uses two 6-volt batteries, 130 amp. hr., in series. Gasoline and LP Gas have single 12-volt, 60-amp. hr. battery.

Shipping weight—adjustable wide front axle . . . . . 8,350 With diesel engine, three-point hitch, swinging drawbar, IPTO, TA, deluxe fenders, hydraulics, and one auxiliary valve and side and rear manifold, 6.50-16 in., 6 ply (F2) front and 15.5-38 in., 8 ply (R1) rear tires.

Dimensions: With 15.5-38 in. rear and 6.50-16 front tires. Turning radius 10.9 ft. (w/out brakes); wheelbase, 105 in.; length (overall, three-point hitch), 164 in.; height (over steering wheel), 82 in.; width (over std. rear axles), 92 in.

Cab. Why suffer from heat, cold, and noise? This pressurized cab is insulated against sound and weather. Has two-speed pressurizer with cleanable filter to provide fresh, clean air. Also electric wiper. Tinted glass. Dome light. Reflectors. Rear view mirrors. Turn indicators. Door and windows latch open or closed. With optional quick-acting heater, big capacity air conditioners and radio you have all you can ask for in year-round comfort. This is an exceptionally well built cab. Fits tractor snugly. Even a casual inspection reveals the quality and attention to detail in its construction. (Optional)



Power shift IPTO features smooth control and choice of single 1000 RPM shaft or twin shaft 540 RPM and 1000 RPM unit (shown). PTO speeds obtained at 2,100 R.P.M. Shafts are positioned and sized to meet SAE specifications. (Optional)

Dyna-Life® Clutch lasts up to five times longer than bigger fiber-type clutches. Dissipates heat quickly to reduce wear. 12 inch diameter. Dyna-Life clutch can save you the cost of one or more clutch jobs during the life of the tractor.

SPECIFICATIONS

856

856 HORSEPOWER	Gas	Diesel	LPG
Engine	114	120	—
PTO (official test)	93.2	100.49	93.4
Drawbar (official test)	81.0	90.09	84.3

Engine:	Diesel	Gas and LP Gas
Number of cylinders	6	6
Speed, rated full load	2400	2400
Governed speed range	900 to 2400	900 to 2400
Bore and stroke, in.	4.321x4.625	3 13/16x4.39 in.
Piston displacement, cu. in.	407	301
Capacities:		
Cooling system, qt.	24	21½ (LPG), 21 (gas)
Fuel tank, gal.	42	48 (LPG) 42 (gas)
Engine, lube, qt.	12.5	9
Transmission and diff., gal	17	17

Electrical: Positive engagement cranking motor. 55 amp. Alternator, voltage regulator. Diesel uses two 6-volt batteries, 204 amp. hr., in series. Gasoline and LP Gas have single 12-volt, 60 amp. hr. battery.

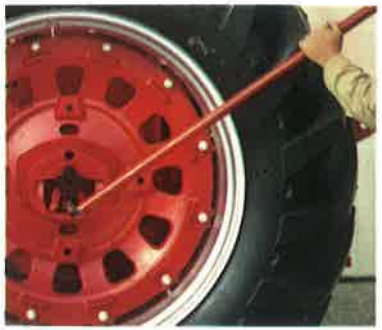
Shipping weight—adjustable wide front axle . . . . . 9,270 With diesel engine, three-point hitch, swinging drawbar, IPTO, TA, deluxe fenders, hydraulics, and one auxiliary valve and side and rear manifold, 7.50-16 in., 8-ply (F2) front and 16.9-38 in., 8 ply (R1) rear tires.

Dimensions: With 16.9-38 in., rear and 7.50-16 front tires. Turning radius 10.9 ft. (w/out brakes); wheelbase, 105 in; length (3-point hitch), 164 in.; height (over steering wheel), 86 in.; width (over std. rear axles), 92 in.

Regular Equipment 756 and 856: Adjustable wide front axle. Air cleaner service indicator. 55 amp alternator. Antifreeze (domestic only). Wet battery. Hydraulic full power brakes with dual pedal safety latch. Cigar lighter. Direct pressure lubrication (drive train and differential). Vertically adjustable drawbar. Dry-type dual stage air filter. "Dyna-Life" clutch. Ether starting aid (diesel). Hydraulic oil cooler. Hydraulic pumps—9 and 12 gpm—for tractors with draft control. Hydrostatic power steering. Instruments (glare-free lighting): Speedometer-tachometer: Gauges—engine temperature, electric fuel gauge (gas and diesel); Generator warning light and charge indicator; engine oil pressure warning light; transmission oil pressure warning light. Lights, shockproof, 2 front (adjustable) side-mounted with combination rear light (adjustable) includes 4 position switch and flashing rear light. Mounting steps, right and left sides. Vertical muffler. Parking lock. Seat, upholstered with padded backrest on positioning linkage and with vertically acting seat suspension. (756 available without vertical seat suspension.) Tool box. Wrench for rear wheels. Tires: 756; front 6.50-16 in., 6 ply (F2); rear 15.5-38 in., 8 ply (R1). Tires 856; front 7.50-16 in., 8 ply (F2); rear 16.9-38 in., 8 ply (R1). Wedgelock rear wheels (regular on 856). Treads depend on tire size and wheel equipment.

Attachments 756 and 856: Three-point hitch, Category II (draft control) with independent swinging drawbar. Quick coupler for 3-point hitch (Category II for 756, Category II or Category III convertible to II for 856.) Heavy-duty upper link assembly for three-point hitch. Two point "Fast-Hitch" with independent swinging drawbar. Hydraulic draft control with draft sensing unit for tractors without hitch. Rockshaft arms. Cross-type drawbars for hitches. Swinging drawbar for vertically adjustable drawbar. Fixed, nonadjustable, heavy-duty drawbar, includes swinging drawbar in lieu of vertically adjustable drawbar. Dual rear wheels. Single front wheel. All-wheel drive. Rear heavy-duty, wedgelock wheels with wrench (optional on 756). One or two auxiliary hydraulic valves, 4 position, detented with hydraulic manifolds, with or without breakaway and with or without check valves. Adjustable front axle: 50 to 74 in. in lieu of 58 to 82 in. axle. Extension for 58 to 82 in. adjustable front axle provides 114 or 120 inch adjustment. Tricycle front axle. 100-inch rear axle. Heavy-duty 114-inch tread rear axle (not for duals). 118-inch rear axle. Dry battery. Belt pulley. Cab—insulated—includes side entrance, rear view mirrors, turn indicators, windshield wiper, pressurizer, dome light, tinted glass, left side mounting step, right hand combination rear light and rear reflectors. Cab air conditioner. Cab heater. Cab—rear combination tail light and stop light—in lieu of standard—left hand side includes license plate bracket, for left hand side or both sides. Fenders; deluxe with four lights (in lieu of two front lights). Horn with button. Tilt steering wheel. High altitude pistons (gas only). Power shift IPTO. 540 and 1000 RPM. Power shift IPTO, 1000 RPM only. Increased capacity radiator (gas). Seat—upholstered, with padded backrest, hydraulic suspension, infinite height adjustment with finger control. Tool box, large size. Torque amplifier, 16 speeds forward and 8 reverse—hydraulically operated (includes engine braking). Front and rear wheel weights. Front end weights. Protective frame.

Specifications subject to change without notice



Wedge lock wheels allow for fast, easy tread changes. One bolt per wheel locks the "wedges" that hold the wheel tightly to its axle. To change tread, loosen wedges, slide the wheel, tighten the bolt. Regular on 856, attachment for 756.

Dual wheels. Duals bolt solidly to heavy cast hubs. 2-Piece hubs can be quickly bolted onto the axles. Quick on, quick off—and they're rugged. In addition to regular axles, 100" tread and 118" tread axle attachments are also available. With the 118" tread axle you run your duals close together for on-land plowing. Spread them apart to 60-inch and 120-inch tread and straddle 30-inch rows, or provide a wide track. Drop the outer wheels when you want. An attachment for adjustable front axle provides 114 or 120 inch adjustment.

Protective frame and canopy provides added measure of safety plus protection from the sun. Lined with sound absorbing material. Seat belt included.

First to serve the farmer

INTERNATIONAL® FARM EQUIPMENT

INTERNATIONAL HARVESTER EXPORT COMPANY

CHICAGO, ILLINOIS, U.S.A.

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